

METHOD, SYSTEM AND STORAGE MEDIUM FOR DETERMINING A VEHICLE REFERENCE SPEED

ABSTRACT OF THE DISCLOSURE

[0083] An exemplary embodiment of the invention is a method for determining a reference speed approximating a ground speed of a vehicle having a plurality of axles. The method includes selecting a minimum vehicle speed based on one of the axles having a minimum speed. An axle having a lowest amount of creep is determined and designated as a speed axle. A derived speed from the speed axle is obtained and compensated by subtracting a creep value from the derived speed to obtain a corrected speed. Operating dynamics for the vehicle are determined and a reference speed is determined based on the minimum vehicle speed or the corrected speed in response to the operating dynamics.